



TEXAS A&M
UNIVERSITY
KINGSVILLE

ENERGY MANAGEMENT REPORT

November 2017

Executive Order RP-49 Energy Management Report for November 2017

A. The extent to which the agency has met the percentage goal it established for reducing its usage of electricity, gasoline, and natural gas:

Texas A&M University – Kingsville is committed to energy conservation. Energy conservation initiatives have reduced the campus source Energy Use Index (EUI) from 179.5 mBtu per square foot in February 2016 to 169.1 mBtu per square foot in June 2017 for a 5.8% reduction in energy usage per square foot.

B. The steps the agency may take to increase the percentage goal for reducing its usage of electricity, gasoline, and natural gas:

TAMU – Kingsville placed an emphasis on reducing energy costs and usage by hiring a Utilities Engineer. The Utilities Engineer utilizes the campus building automation system to monitor energy usage, identify mechanical issues and schedule the heating and cooling systems to reduce energy when space is not being used.

Utility consumption building profiles are generated weekly and reviewed to insure buildings are operating as designed. And, monthly campus utility consumption and costs are reviewed to insure energy conservation initiatives are obtaining expected results.

C. Any additional ideas the agency has for reducing energy expenditures relating to facilities:

TAMU – Kingsville has entered into an investment grade audit contract with a Schneider Electric. Upon completion, TAMUK expects a performance contract will reduce campus energy consumption by over 10%. Future building construction will adhere to more energy efficient standards. And, a new contract with the electrical provider will lower base line electrical costs by 22% in September 2017.

D. Any additional ideas the agency has to minimize fuel usage in all vehicles and equipment used by the agency.

TAMU – Kingsville's main campus limits vehicular usage by promoting a pedestrian campus. Staff are encouraged to limit vehicle usage and carpool where appropriate. And, University Police utilize a bike patrol.

	Vehicle Fuel (Gallons)
FY16	55,433
FY17	52,564
% Increase (Decrease)	(5.2%)